

Certificate of Analysis

Date of Testing: 2025-07-11 11:39:16

Date of Next Testing: 2029-07-10 11:39:16

Product Name: **N⁶,2'-O-Dibutyryl-adenosine 3',5'-cyclic monophosphate sodium salt**

CAS Number: 16980-89-5

Specifications & Purity: ≥97%(HPLC)

Lot #: I2122077

SKU #: **D124575**

Version: **6**

Analysis #: **540016**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
2'-O-monobutyryl-cyclic AMP	0-0.5 (%)	0.06 %
Water by Karl Fischer	0-7 (%)	5.99 %
Purity(HPLC)	97-100 (%)	99.62700 %
N ⁶ -monobutyryl-cyclic AMP	0-3 (%)	1.63 %
Cyclic-AMP	0-0.5 (%)	0.01 %
Appearance (D124575)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Na&P Component	Confirmed	Confirmed



John Su
QA & QC Manager